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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	10/757,832
Filing Date	January 14, 2004
First Named Inventor	Virgin
Title	Murine Calcivirus
1615	N/A
Examiner Name	N/A
Attorney Docket Number	56029/45752

I hereby appoint:

Practitioners at Customer Number
OR
 Practitioner(s) named below:

021888

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Number Bar Code
Label Here

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

<input checked="" type="checkbox"/> Firm or Individual Name	Daniel S. Kasten, C/O Thompson Coburn, LLP			
Address	Thompson Coburn LLP			
Address	One US Bank Plaza			
City	St. Louis	State	MO	Zip 63101-9928
Country	USA			
Telephone	314-552-6305	Fax	314-552-7305	

I am the:

Applicant/Inventor.
 Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Michael G. Douglas, Ph.D
Signature	Michael G. Douglas Associate Vice Chancellor Technology Management Washington University Saint Louis
Date	9/21/04

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Herbert W. VirginApplication No./Patent No.: 10/757,832 Filed/Issue Date: January 14, 2004Entitled: Murine CalcivirusWashington University, a University

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or2. an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.**OR**

B. [] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

9/21/04

Date

34-822-1923

Telephone number

Michael Douglas

Typed or printed name

Michael Douglas

Signature

Assoc Vice Chancellor

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, I, Herbert W. Virgin of 9 Tuscan Park, St. Louis, MO 63105, have invented certain new and useful improvements for a Murine Calcivirus for which I executed an application for Letters Patent in the United States identifying me as the sole inventor thereof said application being assigned serial number 10/757,832 by the U.S. Patent and Trademark Office and identified as Thompson Coburn LLP, Docket 56029/45752; and

WHEREAS, Washington University, a corporation of the State of Missouri having its principal office and place of business at One Brookings Drive, St. Louis, MO 63130, is desirous of acquiring the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, I, Herbert W. Virgin, have sold, assigned and transferred and do hereby sell, assign and transfer unto said Washington University, its successors or assigns, the entire right, title and interest in and to said invention and improvements as the same are disclosed in said application which was executed by me, in and to said application, and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Assignee Washington University in accordance with this Assignment.

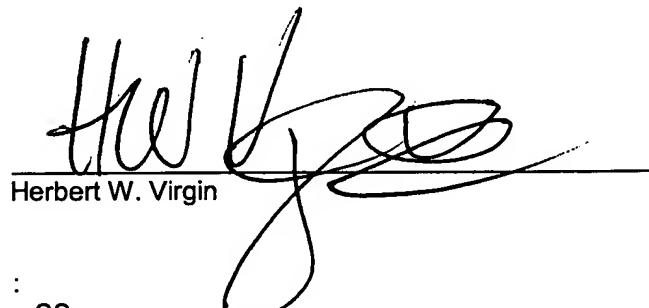
The undersigned hereby authorizes and requests the attorneys of record in said application(s) to insert in this Assignment the serial number, filing date, and date of execution of said application(s).

For said considerations, the undersigned hereby agrees, upon the request and at the expense of said Assignee, to execute any divisional, continuation, continuation-in-part or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application(s), and, in the event

of any application or Letters Patent assigned herein becoming involved in an interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said Assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

And for said consideration, the undersigned hereby assigns to said Assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights, and agrees to execute, at the request of said Assignee, all documents in connection with any application for foreign Letters Patent therefor.

IN WITNESS WHEREOF, I have hereunto set my hand the 14th day of September, 2004.



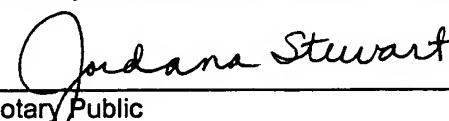
Herbert W. Virgin

STATE OF Missouri
COUNTY OF City of St. Louis

:
: SS

On this 14th day of September 2004 before me, a Notary Public, within and for the County of City of St. Louis, State of Missouri, personally appeared Herbert W. Virgin to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.



JORDANA STEWART
NOTARY PUBLIC - NOTARY SEAL
STATE OF MISSOURI
JEFFERSON COUNTY

My Commission Expires: May 14, 2007

JORDANA STEWART
NOTARY PUBLIC - NOTARY SEAL
STATE OF MISSOURI
JEFFERSON COUNTY

WITNESS:

WITNESS:

MY COMMISSION EXPIRES: MAY 14, 2007

By: _____

By: _____

Printed Name: _____

Printed Name: _____